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PPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO
10/707,029	11/16/2003	Ping Hsu	NTCP0023USA	1028
27765	7590 12/22/2005		EXAMINER	
NORTH AMERICA INTELLECTUAL PROPERTY CORPORATION			LE, DUNG ANH	
P.O. BOX 50 MERRIFIEL	06 D, VA 22116		ART UNIT PAPER NUMBE	
	•		2818	
			DATE MAILED: 12/22/2005	

Please find below and/or attached an Office communication concerning this application or proceeding.

•	Application No.	Applicant(s)	—————————————————————————————————————
•	10/707,029	HSU, PING	
Office Action Summary	Examiner	Art Unit	
	DUNG A. LE	2818	
The MAILING DATE of this communication apperiod for Reply	opears on the cover sheet w	ith the correspondence addres	s
A SHORTENED STATUTORY PERIOD FOR REP WHICHEVER IS LONGER, FROM THE MAILING I - Extensions of time may be available under the provisions of 37 CFR 1 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period - Failure to reply within the set or extended period for reply will, by statu Any reply received by the Office later than three months after the mail earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNIA	CATION. reply be timely filed NTHS from the mailing date of this commun BANDONED (35 U.S.C. § 133).	
Status	•		
 1) ☐ Responsive to communication(s) filed on	is action is non-final. ance except for formal mat		rits is
Disposition of Claims			
 4) Claim(s) 1-9 is/are pending in the application 4a) Of the above claim(s) is/are withdr 5) Claim(s) is/are allowed. 6) Claim(s) is/are rejected. 7) Claim(s) 1-9 is/are objected to. 8) Claim(s) are subject to restriction and/ 	awn from consideration.		
Application Papers			
9)⊠ The specification is objected to by the Examination 10)⊠ The drawing(s) filed on 16 November 2003 is Applicant may not request that any objection to the Replacement drawing sheet(s) including the correction 11)□ The oath or declaration is objected to by the Examination is objected to be a considered to be a c	/are: a) accepted or b) [e drawing(s) be held in abeya ection is required if the drawing	nce. See 37 CFR 1.85(a). g(s) is objected to. See 37 CFR 1.	.121(d).
Priority under 35 U.S.C. § 119			
12) Acknowledgment is made of a claim for foreign a) All b) Some * c) None of: 1. Certified copies of the priority document 2. Certified copies of the priority document 3. Copies of the certified copies of the priority application from the International Bure. * See the attached detailed Office action for a list	nts have been received. Ints have been received in A Iority documents have been au (PCT Rule 17.2(a)).	Application No received in this National Stag	je
Attachment(s) 1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)	Paper No	Summary (PTO-413) (s)/Mail Date Informal Patent Application (PTO-152	
Paper No(s)/Mail Date	6) Other:		10

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DETAIL ACTION

Oath/Declaration

The oath/declaration filed on 11/16/2003 is acceptable.

This application is in condition for allowance except for the following formal matters:

The specification is objected to for the following reasons:

- i) In specification, paragraph [0025], line 14, change "nde" to --node--
- ii) The specification does not include reference signs "22" of Figure 5 and "23" of figure 7 (see CFR § 1.84p). Correction is required.
- iii) Reference sign "141" "of paragraphs [0027] and [0028], are not included in the drawings (see 37 CFR § 1.84p). Correction is required.

The specification has been checked to the extent necessary to determine the presence of all possible minor errors. However, the applicant's cooperation is requested in correcting any errors of which applicant may become aware in the specification.

Reasons for Indication of Allowable Subject Matter

Claims 1-9 would be allowed. The following is an examiner's statement of reason for allowance: None of the references of record teaches or suggests the claimed Method for

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fabricating a trench capacitor of DRAM devices with the step of oxidizing the spacer, the silicon surface at the neck portion of the deep trench and an upper portion of the first polysilicon layer, thereby forming a silicon oxide layer; and etch away the silicon oxide layer and among other steps/limitations as cited in independent claim 1.

If Applicants are aware of better art than that which has been cited, they are required to call such to attention of the examiner.

Prosecution on the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

A shortened statutory period for reply to this action is set to expire TWO MONTHS from the mailing date of this letter.

When responding to the office action, Applicants' are advice to provide the examiner with the line numbers and page numbers in the application and/or references cited to assist the examiner to locate the appropriate paragraphs.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dung A. Le whose telephone number is (571) 272-1784. The examiner can normally be reached on Monday-Tuesday and Thursday 6:00am- 4:00 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571) 272-1787. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9306 for regular communications and (703) 872-9306 for After Final communications.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

DUNG A. LE Primary Examiner
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